

not only a recording method which enables stable continuous recording without being affected by the existence of many defective areas on an information storage medium but also an information recording and reproducing device which uses the recording method. There is further provided an information storage medium (as well as the data structure of the information recorded on the medium) on which information has been recorded in the most suitable form for the stable continuous recording.

Detailed Description Text - DETX (905):

Furthermore, there is provided an environment setting method (specifically, a video information recording/reproducing/editing system) which assures stable video information management without imposing a burden on the recording/reproducing application software layer (or without causing the recording/reproducing application software layer to perform defect management), even when many defective areas are present on the information storage medium.

Detailed Description Text - DETX (907):

The present invention is applicable to an information storage medium, such as an optical disk, its data structure, an information recording method, an information recording device, and a playback device.

Detailed Description Paragraph Equation - DEEQ (1):

(the amount of light in recording)>(the amount of light in deleting)>(the amount of light in reproducing) (1)

Detailed Description Paragraph Equation - DEEQ (2):

(the amount of light in recording).apprxeq.(the amount of light in deleting)>(the amount of light in reproducing) (2)

Detailed Description Paragraph Table - DETL (1):

TABLE 1 LIST OF FUNCTIONS (EFFECTS OF EMBODIMENTS OF THE PRESENT INVENTION) NECESSARY IN RECORDING AND REPRODUCING VIDEO INFORMATION (LIST OF EFFECTS PRODUCED BY VIDEO INFORMATION RECORDING AND

L Number	Hits	Search Text	DB	Time stamp
1	61594	707/\$.ccls. or 714/\$.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:26
2	140	(707/\$.ccls. or 714/\$.ccls.) and replacement near2 (processing or sectors!)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:40
3	22	((707/\$.ccls. or 714/\$.ccls.) and replacement near2 (processing or sectors!)) and (PC! and AV!) and error\$5	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:41
4	22	((707/\$.ccls. or 714/\$.ccls.) and replacement near2 (processing or sectors!)) and (PC! and AV!) and error\$5) and sectors!	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:30
5	22	((707/\$.ccls. or 714/\$.ccls.) and replacement near2 (processing or sectors!)) and (PC! and AV!) and error\$5) and sectors! and area	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:30
6	11	((707/\$.ccls. or 714/\$.ccls.) and replacement near2 (processing or sectors!)) and (PC! and AV!) and error\$5) and sectors! and area) and driver	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:30
7	49	(707/\$.ccls. or 714/\$.ccls.) and replacement and sectors! and driver and error\$5 and (ECC or (error adj correction adj code))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:45
8	11	((707/\$.ccls. or 714/\$.ccls.) and replacement and sectors! and driver and error\$5 and (ECC or (error adj correction adj code))) and (PC! and AV!) adj (mode or file or data or application)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:43
9	26	(707/\$.ccls. or 714/\$.ccls.) and (PC! and AV!) adj (mode or file or data or application)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:44
10	0	((707/\$.ccls. or 714/\$.ccls.) and (PC! and AV!) adj (mode or file or data or application)) and (PC! and AV!) adj (mode and file)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:44
11	19	((707/\$.ccls. or 714/\$.ccls.) and (PC! and AV!) adj (mode or file or data or application)) and (PC! and AV!) adj (file)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:44
12	19	((707/\$.ccls. or 714/\$.ccls.) and (PC! and AV!) adj (mode or file or data or application)) and (PC! and AV!) adj (file)) and (replace\$5 same sectors!) and (ECC or (error adj correction adj code))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:46
13	19	((707/\$.ccls. or 714/\$.ccls.) and (PC! and AV!) adj (mode or file or data or application)) and (PC! and AV!) adj (file)) and (replace\$5 with sectors!) and (ECC or (error adj correction adj code))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:46

14	19	(((707/\$.ccls. or 714/\$.ccls.) and (PC! and AV!) adj (mode or file or data or application)) and (PC! and AV!) adj (file)) and (replace\$5 with sectors!) and (ECC or (error adj correction adj code))) and (sector same (ECC or (error adj correction adj code)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:47
15	19	(((707/\$.ccls. or 714/\$.ccls.) and (PC! and AV!) adj (mode or file or data or application)) and (PC! and AV!) adj (file)) and (replace\$5 with sectors!) and (ECC or (error adj correction adj code))) and (sectors! same (ECC or (error adj correction adj code)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:52
16	11	(((707/\$.ccls. or 714/\$.ccls.) and (PC! and AV!) adj (mode or file or data or application)) and (PC! and AV!) adj (file)) and (replace\$5 with sectors!) and (ECC or (error adj correction adj code))) and (sectors! same (ECC or (error adj correction adj code))) and file adj type	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:51
17	11	(((707/\$.ccls. or 714/\$.ccls.) and (PC! and AV!) adj (mode or file or data or application)) and (PC! and AV!) adj (file)) and (replace\$5 with sectors!) and (ECC or (error adj correction adj code))) and (sectors! same (ECC or (error adj correction adj code))) and type	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:51
18	391	(707/\$.ccls. or 714/\$.ccls.) and (sectors! same (ECC or (error adj correction adj code)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 14:06
19	251	((707/\$.ccls. or 714/\$.ccls.) and (sectors! same (ECC or (error adj correction adj code)))) and area	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:52
20	54	((707/\$.ccls. or 714/\$.ccls.) and (sectors! same (ECC or (error adj correction adj code)))) and area and unit and driver	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:52
21	0	((707/\$.ccls. or 714/\$.ccls.) and (sectors! same (ECC or (error adj correction adj code)))) and area and (unit near2 driver)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:53
22	65	((707/\$.ccls. or 714/\$.ccls.) and (sectors! same (ECC or (error adj correction adj code)))) and area and driver	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:53
23	31	(((707/\$.ccls. or 714/\$.ccls.) and (sectors! same (ECC or (error adj correction adj code)))) and area and driver) and replac\$6 and ((convert\$4 or conversion) with (file or application or data or type))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:56
24	31	(((707/\$.ccls. or 714/\$.ccls.) and (sectors! same (ECC or (error adj correction adj code)))) and area and driver) and replac\$6 and ((convert\$4 or conversion) with (file or application or data or type))) and writ\$4 and (read or reading or reread or rereading)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:57
25	30	(((707/\$.ccls. or 714/\$.ccls.) and (sectors! same (ECC or (error adj correction adj code)))) and area and driver) and replac\$6 and ((convert\$4 or conversion) with (file or application or data or type))) and writ\$4 same (read or reading or reread or rereading)	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 13:57
26	21	(((707/\$.ccls. or 714/\$.ccls.) and (sectors! same (ECC or (error adj correction adj code)))) and area and driver) and replac\$6 and ((convert\$4 or conversion) with (file or application or data or type))) and writ\$4 same (read or reading or reread or rereading)) and error adj occur\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 14:01

27	1458	714/710,807,708,768,805.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 14:00
28	318	714/710,807,708,768,805.ccls. and error adj occur\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 14:01
29	18	(714/710,807,708,768,805.ccls. and error adj occur\$6) and write adj error	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 14:02
30	9	((714/710,807,708,768,805.ccls. and error adj occur\$6) and write adj error) and replac\$6	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 14:04
31	9	((714/710,807,708,768,805.ccls. and error adj occur\$6) and write adj error) and 714/710.ccls.	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 14:04
32	1	((714/710,807,708,768,805.ccls. and error adj occur\$6) and write adj error) and 714/710.ccls.) and (sectors! same (ECC or (error adj correction adj code)))	USPAT; US-PGPUB; EPO; JPO; DERWENT; IBM_TDB	2004/03/09 14:06